

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A power distribution control apparatus of a four wheel drive vehicle for controlling a power distribution ratio between front and rear wheels, said apparatus having a transfer having at least one vehicle behavior control means for controlling behaviors of said vehicle, said apparatus comprising:

friction clutch means;

power distribution control means for changing said power distribution ratio by varying a torque transmission capacity of said friction clutch means; [[and]]

torque transmission capacity control means for controlling said torque transmission capacity based on preestablished tables, wherein said torque transmission capacity control means selects one of said preestablished tables in response to an operation of said vehicle behavior control means; and so as to come within a preestablished region for avoiding a control interference with said vehicle behavior control means and further controlling said torque transmission capacity so as to become larger with an increase of input torque of said transfer

torque transmission capacity correct means for correcting said torque transmission capacity based on an absolute value of a yaw rate deviation.

2. (Currently Amended) The power distribution control apparatus according to claim 1, wherein said torque transmission capacity ~~control~~ correct means further corrects ~~correct~~ said torque transmission capacity so as to increase power to be distributed to said front wheels

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when said vehicle is in an oversteer tendency and so as to increase power to be distributed to said rear wheels when said vehicle is in an understeer tendency.

3. (New) The power distribution control apparatus according to claim 1, wherein said torque transmission capacity control means:

further controls said torque transmission capacity so as to come within a preestablished region for avoiding a control interference with said vehicle behavior control means; and

controls said torque transmission capacity so as to become larger with an increase of input torque of said transfer.

4. (New) The power distribution control apparatus according to claim 1, wherein said preestablished tables establish a transfer clutch torque according to a transfer input torque.

5. (New) The power distribution control apparatus according to claim 1, wherein said preestablished tables establish a transfer clutch torque according to a transfer input torque for each of said at least one vehicle behavior control means.

6. (New) The power distribution control apparatus according to claim 1, wherein said absolute value of a yaw rate deviation is determined by a difference between a target yaw rate and an actual yaw rate.

7. (New) The power distribution control apparatus according to claim 1, wherein said torque transmission capacity correct means corrects said torque transmission capacity when said absolute value of a yaw rate deviation exceeds a specified value.

8. (New) The power distribution control apparatus according to claim 1, wherein said torque transmission capacity is corrected based a predetermined transfer clutch torque correction amount corresponding to said absolute value of a yaw rate deviation.

9. (New) The power distribution control apparatus according to claim 1, wherein said torque transmission capacity is corrected based on at least one predetermined table establishing a transfer clutch torque correction amount according to said absolute value of a yaw rate deviation.